FAX

Date: June 10, 2004

To: Mark Close - L&I

From: Ethan Construction LLC

Re: Certification of Hazards Corrected Report

FAX Number: (206) 835-1099 No of pages: 6

Message:

Mark, here is the report we discussed.

Pictures will be forwarded once I get them off the camera.

Call if there are questions.

Thanks,

Paul W. Jackson

Certification of Hazards Corrected

Ethan Construction LLC WISHA Consultation #: 502909237

Item #	Instances	Correction Date	Date Fully Corrected	Explain what you did to correct each instance. Use attachments if you need more space.
. 1	1	06/04/2004	05/23/04	Original Asbestos contractor returned and cleaned the 10" pipe, wiped horizontal surfaces adjacent to the 10" pipe area and HEPA vacuumed the floors. 3 surface wipe samples were collected with analytical results of non-detected. 1air sample was collected with results of<0.002 f/cc (Enclosed)
2	1	06/04/2004	06/03/04	Visual inspection revealed 2 small areas of weld not cleaned to non- visible condition. Areas were cleaned and encapsulant applied to all surfaces. Pictures were taken of the encapsulated pipe
3	1	06/04/2004	06/04/04	All Ethan Construction field laborers successfully completed an Asbestos Awareness Training presentation.
4	1	06/04/2004	On Going	A asbestos abatement contractor has removed all bulk asbestos from the facility. Any remaining asbestos is incidental to the original survey and is being addressed as it makes an appearance. An example is the removal of a wall penetration above stairwell in Building 21. A certified asbestos worker under the supervision of a certified asbestos supervisor will perform the removal of this less than 1 square feet of ACM.
5	1	06/04/2004	06/04/04	The Good Faith Inspection purpose was discussed during the Asbestos Awareness Training. Since there is no bulk asbestos remaining in the Ethan Construction LLC area, there is no update for the original inspection. A visual walk trough is performed during the 2 X a week "Walk Around Report" conducted by the project's Competent Person.
6	1	06/04/2004	On Going	Air and residual dust samples analysis reveal asbestos, arsenic and cadmium well below the PEL for air and Percent for dusts. Sample results are included with this response.

aware that knowingly providing false information to WISHA may result in criminal penalties (RCW 49.17.190(2)).

Signature: Paul w Jackson Name: Psul w Jacks

I certify that the hazards described in the conditions report have been corrected, as described above. I am

Paul W. Jackson

& Associates

BATCH ID 2407552.00

Seattle, WA 98116-2739		for		-	L	A B	S	
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TOTAL P.02

Paul W. Jackson & Associates`

3604 Beach Drive S.W. Seattle, WA 98116-2739

your project partner!

Bulk SampleField Data Sheet



Project#: 050504 NVL Batch #: Matrix (Asbestos / Lead / Mold / Other ___ Client Name: Fother CONTRACTION **Total Samples** Job Location: RAINIER BREWERY Results Needed By: 3 DAYS Otianity <u>finable</u> (f(*/df) Cond Material Description 2 3 6 ALGERIA HORIZONTAL 8 9 10 11 12 13

	Comments:
-	MURSOC FAX TRANS RESOLUTE TO 206-972-1123
-	

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form#: 7010.1

NVL Laboratories, Inc.

NATWE

4708 Aurora Ave. N., Seattle, WA 98103 Tel: 206.547.0100, Fax: 206.634.1936

www.nvilabs.com

Bulk Asbestos Fibers Analysis

#102063

By Polarized Light Microscopy

Client: Paul W. Jackson & Associates, Inc.

Address: 3604 Beach Drive SW

Seattle, WA 98116

Attention: Mr. Paul Jackson Project Location: Rainier Brewery

Batch #: 2407551.00

Client Project #:05-05-04 Samples Received: 4

Samples Analyzed: 4

Method: EPA/600R-93/116

Lab ID: 24041697 Client Sample #: 528-9-W1

Location: Rainier Brewery

Comments: Qualitative analysis was conducted for the presence of asbestos fibers in this sample.

Layer 1 of 1 Description: Brown dust

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Fine particles, Binder/Filler, Rust

Cellulose Mineral wool Chrysotile <1%

Lab ID: 24041698 Client Sample #: 528-9-W2

Location: Rainler Brewery

Comments: Qualitative analysis was conducted for the presence of asbestos fibers in this sample for layer 1

Layer 1 of 2 Description: Brown dust

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Fine particles, Binder/Filler, Rust Synthetic foam

Cellulose Mineral wool Chrysotile >1%

Layer 2 of 2 Description: Gray fibrous material

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Fine particles, Glass beads

Cellulose Mineral wool 30% None Detected ND

Lab ID: 24041699 Client Sample #: 528-9-W3

Location: Rainier Brewery

Comments: Qualitative analysis was conducted for the presence of asbestos fibers in this sample.

Layer 1 of 1 Description: Gray dust

Non-Fibrous Materials:

Fine particles, Binder/Filler, Synthetic foam

Other Fibrous Materials: %

Asbestos Type: % None Detected ND

Cellulose Mineral wool

Lab ID: 24041700 Client Sample #: 528-9-W4

Location: Rainler Brewery

Comments: Qualitative analysis was conducted for the presence of asbestos fibers in this sample.

Layer 1 of 1 Description: Light gray dust

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Fine particles, Binder/Filter

Cellulose

Chrysotile <1%

Mineral wool

Amosite >1%

Sampled by: Client

Analyzed by: Lyudmila Manzar

Date: 06/03/2004

DRAFT

Note: if samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600R-93/116. Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the freme tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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TOTAL P.03

NVL Laboratories, Inc.

4708 Aurore Ave. N., Seattle WA 98103 Tel: 206.547.0100, Fax: 206.534.1936 www.r.vliabs.com

Analysis Report

AIHA - IH #101861



Total Metals

Client: Paul W. Jackson & Associates, Inc.

Address: 3604 Beach Drive SW

Seattle, WA 98116

Attention: Mr. Paul Jackson Project Location: Ramier Brewery Batch #: 2407249.00

Matrix: Air Filter Method: NIOSH 7800 Client Project #:050504

Samples Received: 4

Total Samples Analyzed:4

Lab ID	Client Sample #	Elements	(L)	RL ug/m3	Results in ug/filter	Resulta in ug/m3
24039811	524-25-CA1	Arsenic (As)	924	2.2	< 2.0 < 1.0	< 2.2 < 1.1
		Cadmium (Cd) Leac (Pb)	924 924	1.1 2. 2	< 2.0	< 2.2
24039812	524-25-CA2	Arsenic (As)	927	2.2	2.0	2.2
		Cadmium (Cd)	927	1.1	< 1.0	< 1.1
		Lead (Pb)	927	2.2	< 2.0	< 2.2
24039813	524-25-CA3	Arsenic (As)	927	2.2	< 2.0	< 2.2
		Cadmium (Cd)	927	1 1	< 1.0	< 1.1
		Lead (Pb)	927	2.2	< 2.0	< 2.2
24039814	524-25-QA	Arsenic (As)	0	N/A	2.0	N/A
		Cadmium (Ćd)	0	NIA	1.0	NIA
		Lead (Pb)	0	N/A	2.0	N/A

Sampled by: Client

Analyzed by: Cheston Perry

Date: 06/01/2004

DRAFT

ug/ m3 = Micrograms per cubicmeter

N/A = Not Applicable

RL = Reporting Limit

'<' = Below the reporting Limit

Note; Method QC results are acceptable unless stated otherwise. Bench Run No: 24-0601-4

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NVL Laboratories, Inc.

4708 Aurora Ave. N., Seattle, WA 98103 Tel: 206.547.0100, Fax: 206.634.1936 www.nvllabs.com

Analysis Report

AIHA - IH #101861



Total Metals

Client: Paul W. Jackson & Associates, Inc.

Address: 2440 Alki Avenue SW # 303

Seattle, WA 98116

Attention: Mr. Paul Jackson

Project Location: Rainier Brewery

Batch #: 2406482.00

Matrix: Air Filter

Wethod: NIOSH 7300 Client Project #:050504

Samples Received: 3

Total Samples Analyzed:3

Lab ID	Client Sample #	Elements	Vol (L)	RL ug/m3	Results in ug/filter	Results in ug/m3
24035086	S11-25-1	Arsenic (As)	1530	1.3	2.1	1.4
		Cadmium (Ćd)	1530	0.7	< 1.0	< 0.7
		Lead (Pb)	1530	1.3	< 2.0	< 1.3
24035087	S11-25-2	Arsenic (As)	1376	1.5	< 2.0	< 1.5
		Cadmium (Ćd)	1376	0.7	< 1.0	< 0.7
		Lead (Pb)	1376	1.5	< 2.0	< 1.5
24035088	S11-25-3	Arsenic (As)	0	N/A	< 2.0	N/A
		Cadmium (Ćd)	0	N/A	< 1.0	N/A
		Lead (Pb)	Ō	N/A	< 2.0	N/A

Sampled by: Client

Analyzed by: Cheston Perry

Reviewed by: Nick Ly

Date: 05/17/2004

Date: 05/17/2004

ug/ m3 = Micrograms per cubicmeter

N/A = Not Applicable

RL = Reporting Limit

Technical Director

'<' = Below the reporting Limit

Note: Method QC results are acceptable unless stated otherwise.

Bench Run No: 24-0514-1

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